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

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Figure 1: Oxydative Phosphorylation Genes

Complex I	
NADH-ubiquinine oxidoreductase (MWFE)	-1.334
NADH-ubiquinone oxidoreductase (BB)	-1.264
NADH-ubiquinone oxidoreductase (SGDH)	-1.323
NADH-ubiquinone oxidoreductase (75kD)	-1.257
NADH-ubiquinone oxidoreductase (51kD)	-1.25
NADH-ubiquinone oxidoreductase (49kD)	-1.212
NADH-ubiquinone oxidoreductase (39kD)	-1.199
NADH-ubiquinone oxidoreductase (13kD)	-1.377
NADH-ubiquinone oxidoreductase (30kD)	-1.344
NADH-ubiquinone oxidoreductase (23kD)	-1.092
NADH-ubiquinone oxidoreductase (partial)	-1.162
NADH-ubiquinone oxidoreductase (9.6 kD)	-1.446
Complex II	
Succinate dehydrogenase-Flavoprotein	-1.265
Succinate dehydrogenase-iron-sulfur	-1.226
Succinate dehydrogenase, subunit C	-1.085
Succinate dehydrogenase subunit D	-1.108
Complex III	
Ubiquinol-CytC reductase-RISP	1.011
Ubiquinol-CytC reductase subunit I	-1.418
Ubiquinol-CytC reductase subunit II	-1.212
Cyt reductase-B5	-1.08
Ubiquinol-CytC reductase binding prot	-1.267
Ubiquinol-CytC reductase subunit VII	-1.372
CytC reductase subunit VIII	-1.372
Ubiquinol-CytC reductase (6.4 kD)	-1.195
Ubiquinol-CytC reductase (6.4 kD)	1.004
Cyt C1	-1.103
Complex IV	
Cyt C	-1.299
COX IV	-1.148
COX Va	-1.402
COX Vb	-1.278
COX VIa	-1.129
COX VIb	-1.331
COX VIb-2	-1.012
COX VIc	-1.353
COX VIIa-1	-1.314
COX VIIa2/liver	-1.417
COX VIIa-related	-1.129
COX VIIb	-1.58
COX VIIc	-1.13
COX VIII	-1.222
COX 17 homolog	-1.264
Complex V	
F(0)	
Subunit B	1.0566
Subunit C1	-1.148
Subunit C3	-1.627
Subunit D	-1.667
Subunit E	-1.191
Subunit F	-1.477
Subunit F6	-1.4
Subunit G	-1.152
F(0) to F(1)	
ATP synthase (OSCP)	-1.529
F(1)	
alpha chain	-1.383
gamma chain	-1.464
delta chain	-1.272

**Legend**

-  upregulated in BD, p<=0.02
-  upregulated in BD, p<=0.05
-  downregulated in BD, p<=0.02
-  downregulated in BD, p<=0.05
-  No criteria met
-  Not found

**Figure 2 Ubiquitin/Proteasome Degradation**

Proteasome 19 S (ATP dependent)			Proteasome 20S Catalytic Core				
subunit 1	-1.363	subunit 9	1.0256	C2 (alpha 1)	-1.305	C5 (beta 1)	-1.325
subunit 2	-1.165	subunit 10b	-1.486	C3 (alpha 2)	-1.17	C7 (beta 2)	-1.314
subunit 3	-1.156	subunit 11	-1.364	C8 (alpha 3)	-1.393	C10-II (beta 3)	-1.239
subunit 4	-1.208	subunit 12	-1.129	C9 (alpha 4)	-1.228	beta 4	-1.418
subunit 5a	-1.215	subunit 14	-1.302	iota (alpha 6)	-1.379	epsilon (beta 5)	-1.173
subunit 5b	1.0723	subunit p55	-1.112	alpha 7	1.1047	Delta (beta 6)	-1.19
subunit 6a	-1.258	subunit p40.5	-1.214			Z (beta 7)	-1.204
subunit 7	-1.202						

**Legend**

- upregulated in BD,  $p \leq 0.02$
- upregulated in BD,  $p \leq 0.05$
- downregulated in BD,  $p \leq 0.02$
- downregulated in BD,  $p \leq 0.05$
- No criteria met
- Not found

Figure 3

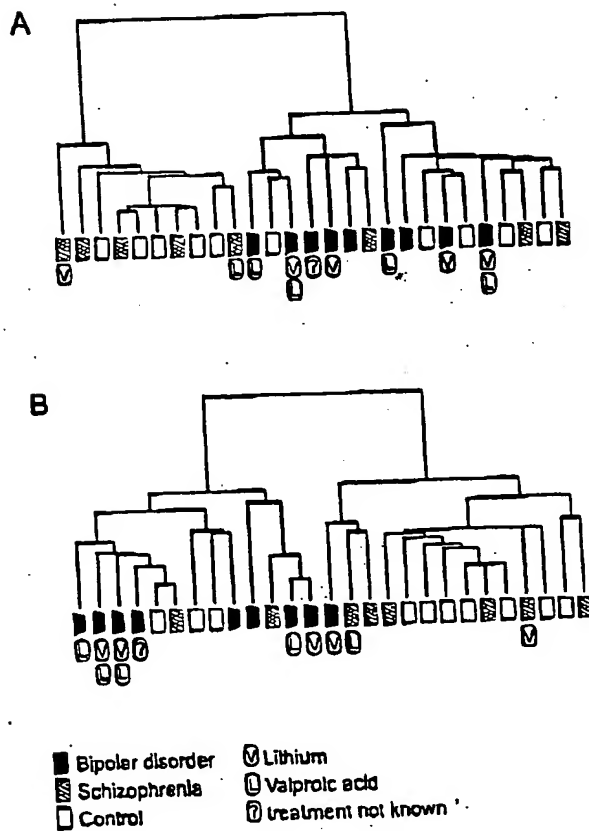


Figure 4

